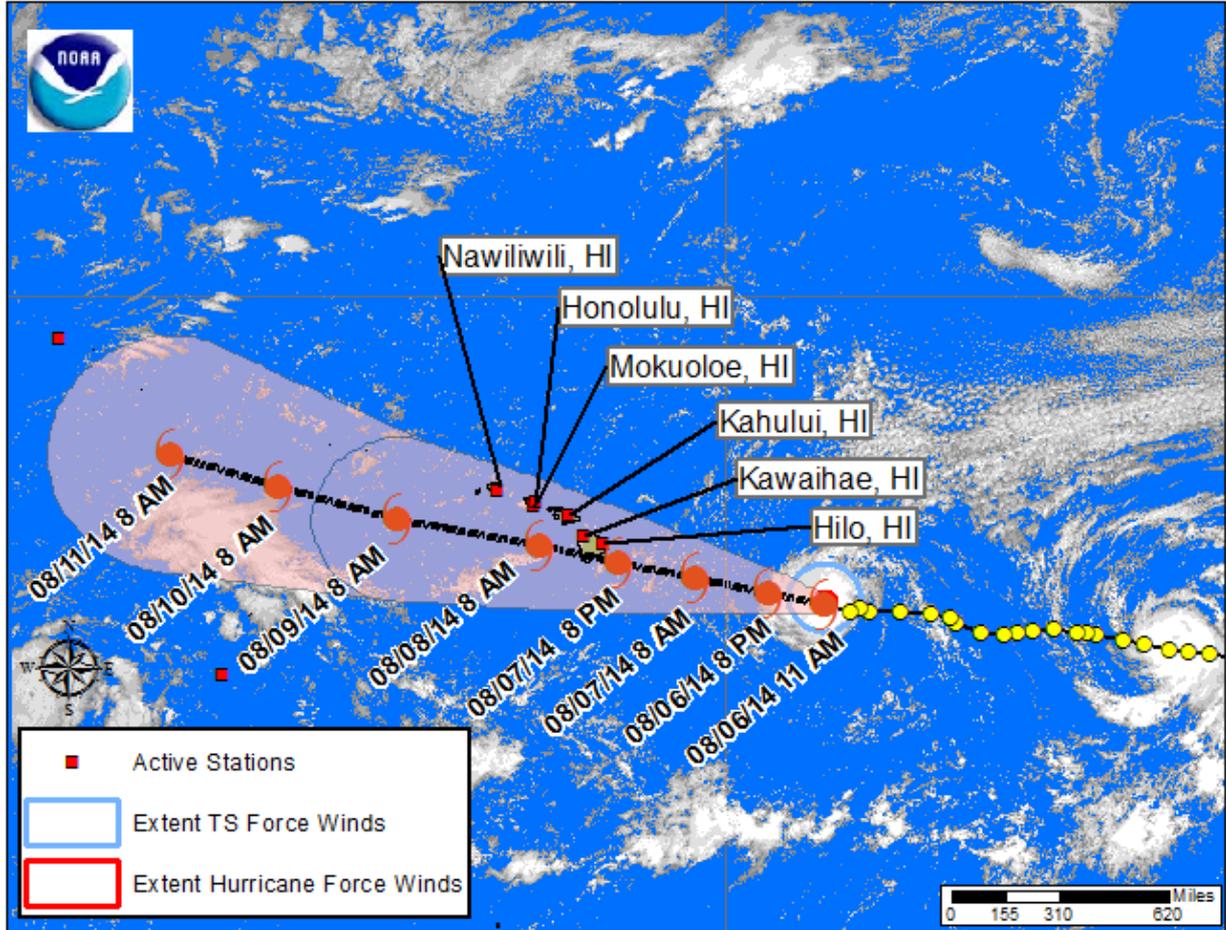




Hurricane ISELLE QuickLook
Posted: 12:00 HST 08/06/2014

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/06/2014 12:00 HST, water levels across the Hawaiian Islands range between 0.0 to 0.30 feet above normal tide levels. Winds are steady, with gusts between 10 and 25 knots. Barometric pressure continues to follow the normal diurnal cycle.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: KG

SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE ISELLE SPECIAL ADVISORY NUMBER 26
700 AM HST WED AUG 06 2014

...HURRICANE ISELLE CLOSING IN ON THE BIG ISLAND OF HAWAII...

WATCHES AND WARNINGS

CHANGES IN WATCHES AND WARNINGS WITH THIS ADVISORY...

A TROPICAL STORM WARNING HAS BEEN ISSUED FOR HAWAII COUNTY.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* HAWAII COUNTY

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* MAUI COUNTY

* OAHU

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA WITHIN THE NEXT 48 HOURS.

A TROPICAL STORM WARNING MAY BE ISSUED FOR MAUI COUNTY LATER TODAY.

INTERESTS IN KAUAI COUNTY AND THE NORTHWESTERN HAWAIIAN ISLANDS SHOULD MONITOR THE PROGRESS OF ISELLE. WATCHES MAY BE REQUIRED FOR ADDITIONAL ISLANDS LATER TODAY OR THURSDAY.

FOR STORM INFORMATION SPECIFIC FOR YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY THE NATIONAL WEATHER SERVICE OFFICE IN HONOLULU.

DISCUSSION AND 48-HOUR OUTLOOK

AT 700 AM HST...THE CENTER OF HURRICANE ISELLE WAS LOCATED NEAR LATITUDE 16.9 NORTH... LONGITUDE 144.9 WEST. ISELLE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 15 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE THROUGH THURSDAY NIGHT...WITH A GRADUAL INCREASE IN FORWARD SPEED. ON THIS FORECAST TRACK...THE OUTER WINDS OF ISELLE WILL REACH THE EASTERNMOST HAWAIIAN ISLANDS BY THURSDAY AFTERNOON.

MAXIMUM SUSTAINED WINDS ARE NEAR 85 MPH...WITH HIGHER GUSTS. ADDITIONAL

WEAKENING IS FORECAST THROUGH THURSDAY... AND ISELLE IS EXPECTED TO BE A TROPICAL STORM LATER TODAY OR TONIGHT.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 30 MILES...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 985 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED ON THE BIG ISLAND OF HAWAII THURSDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE OVER OAHU AND MAUI COUNTY THURSDAY NIGHT OR FRIDAY.

SURF...SWELLS GENERATED BY ISELLE WILL REACH THE MAIN HAWAIIAN ISLANDS TODAY...POSSIBLY BECOMING DAMAGING ALONG SOME COASTLINES STARTING LATE TONIGHT OR THURSDAY.

RAINFALL...HEAVY RAINS ASSOCIATED WITH ISELLE ARE EXPECTED TO REACH THE BIG ISLAND THURSDAY AND SPREAD TO THE REMAINDER OF THE STATE THURSDAY NIGHT AND FRIDAY. THESE RAINS COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES.

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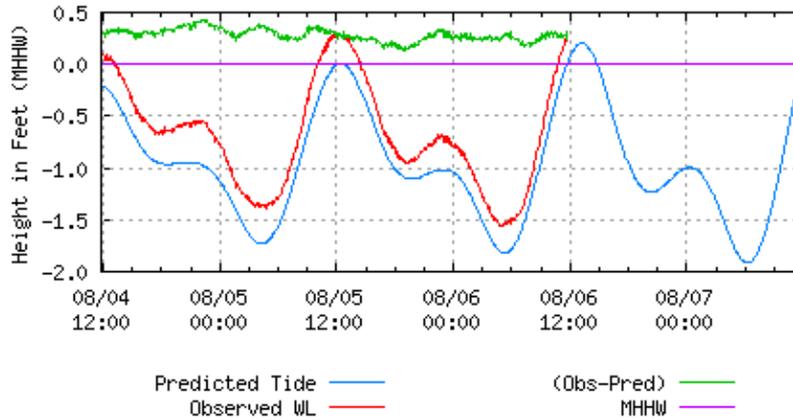
FORECASTER HOUSTON

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Nawiliwili - Water Level](#), [Nawiliwili - Air/Water Temp](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Honolulu - Air/Water Temp](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Mokuoloe - Air/Water Temp](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Kahului, Kahului Harbor - Air/Water Temp](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kawaihae - Air/Water Temp](#), [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#), [Hilo, Hilo Bay, Kuhio Bay - Air/Water Temp](#)

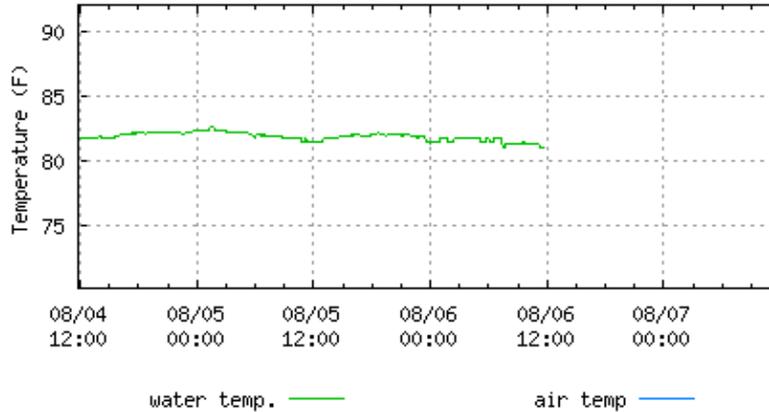
Hurricane ISELLE QuickLook, POSTED 12:00 HST 08/06/2014

NOAA/NOS/CO-OPS 1611400 Nawiliwili, HI
Preliminary Water Level, relative to Mean Higher High Water(MHHW)

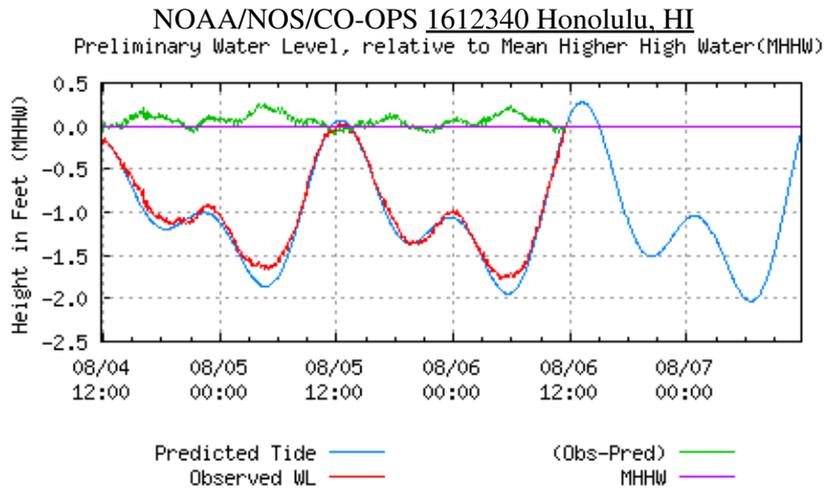


Last Observed Sample: 08/06/2014 11:42 (HST). Data relative to MHHW
Observed: 0.32 ft. Predicted: 0.01 ft. Residual: 0.31 ft.
Historical Maximum Water Level: Sep 11 1992, 3.15 ft.
Next High Tide: 08/06/2014 13:14 (HST), 0.20 ft.

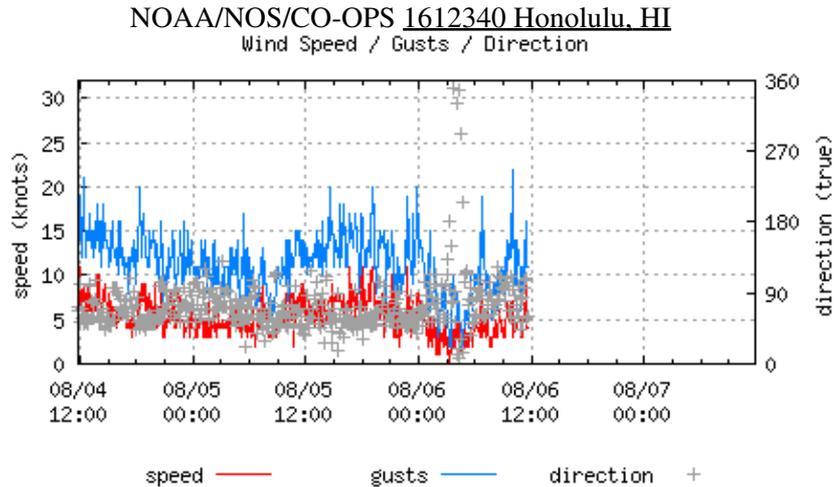
NOAA/NOS/CO-OPS 1611400 Nawiliwili, HI
Air / Water Temperature



Last Observed Sample: 08/06/2014 11:42 (HST)
Water Temperature: 81.7° F Air Temperature: n/a

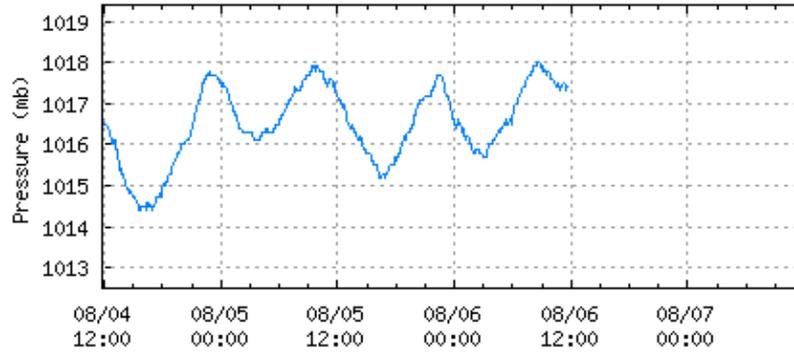


Last Observed Sample: 08/06/2014 11:42 (HST). Data relative to MHHW
Observed: 0.09 ft. Predicted: 0.05 ft. Residual: 0.04 ft.
Historical Maximum Water Level: Feb 14 1967, 1.49 ft.
Next High Tide: 08/06/2014 13:15 (HST), 0.28 ft.



Last Observed Sample: 08/06/2014 11:42 (HST)
Wind Speed: 5 knots Gusts: 11 knots Direction: 97° T

NOAA/NOS/CO-OPS 1612340 Honolulu, HI
Barometric Pressure

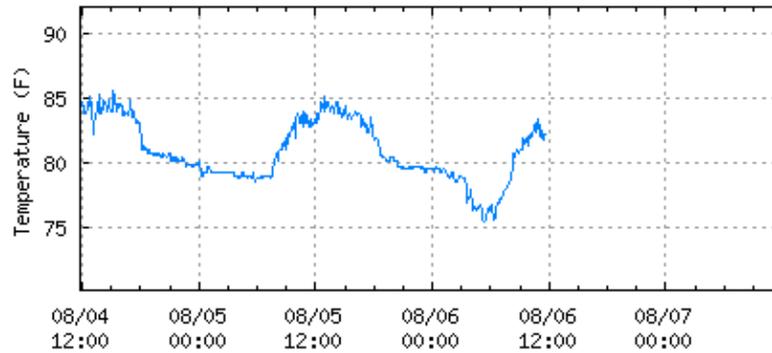


barometric pressure —

Last Observed Sample: 08/06/2014 11:42 (HST)

Barometric Pressure: 1017.4 mb

NOAA/NOS/CO-OPS 1612340 Honolulu, HI
Air / Water Temperature

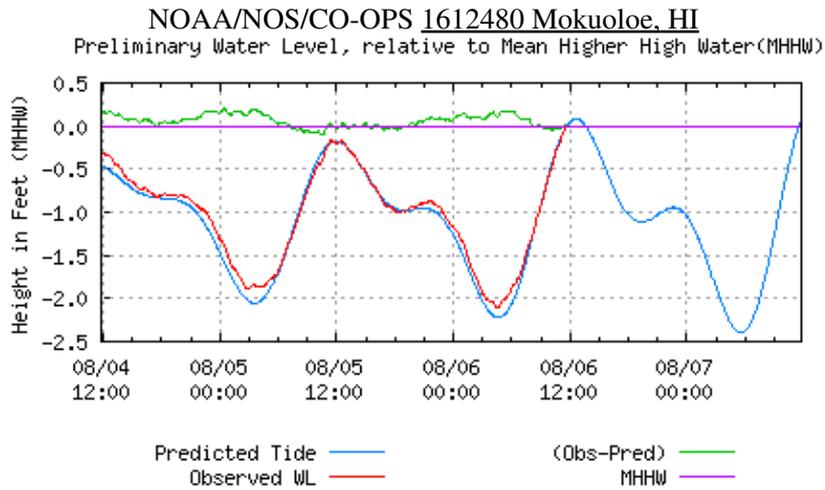


water temp. —

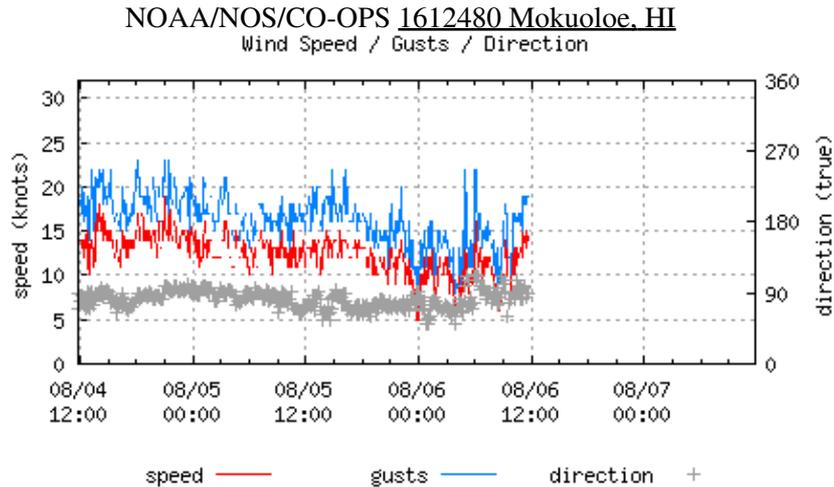
air temp. —

Last Observed Sample: 08/06/2014 11:42 (HST)

Water Temperature: n/a Air Temperature: 82.4° F

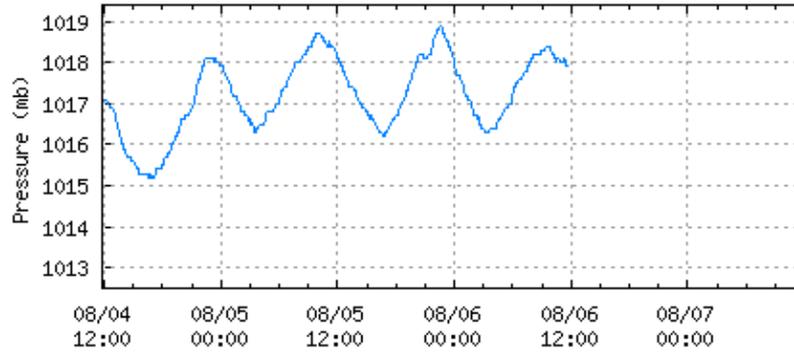


Last Observed Sample: 08/06/2014 11:42 (HST). Data relative to MHHW
Observed: 0.02 ft. Predicted: 0.00 ft. Residual: 0.02 ft.
Historical Maximum Water Level: Jan 8 1974, 1.46 ft.
Next High Tide: 08/06/2014 12:38 (HST), 0.08 ft.



Last Observed Sample: 08/06/2014 11:42 (HST)
Wind Speed: 14 knots Gusts: 19 knots Direction: 90° T

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI
Barometric Pressure

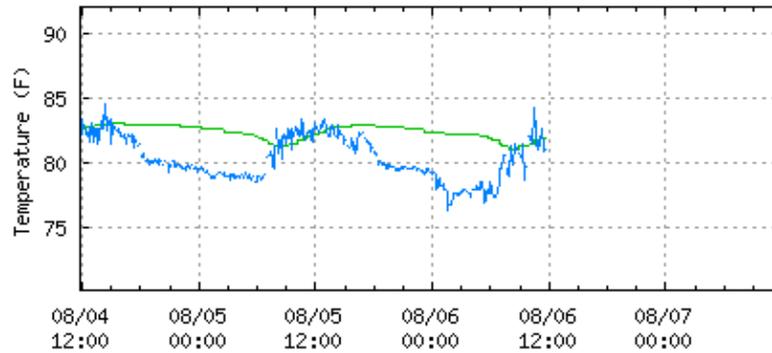


barometric pressure —

Last Observed Sample: 08/06/2014 11:42 (HST)

Barometric Pressure: 1018.0 mb

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI
Air / Water Temperature



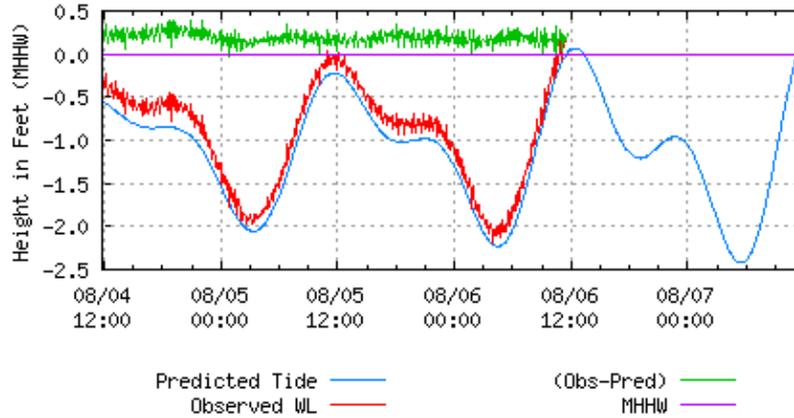
water temp. —

air temp —

Last Observed Sample: 08/06/2014 11:42 (HST)

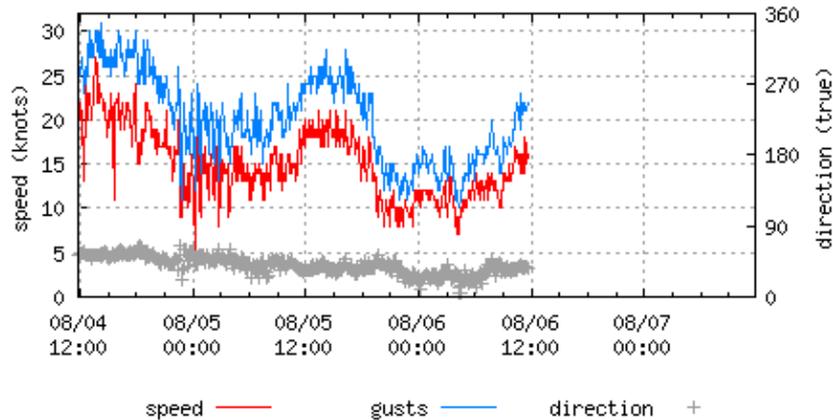
Water Temperature: 81.9° F Air Temperature: 81.1° F

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



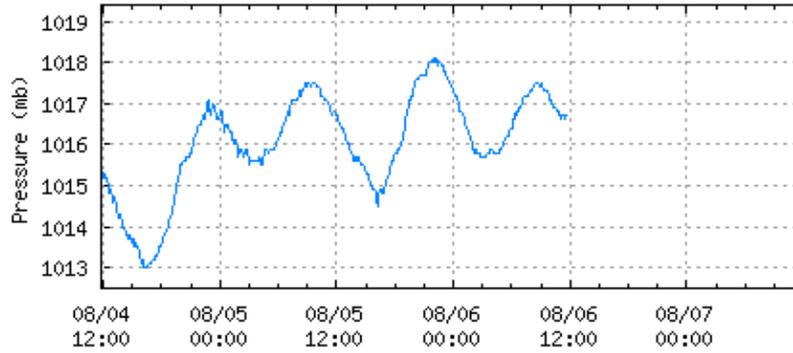
Last Observed Sample: 08/06/2014 11:42 (HST). Data relative to MHHW
Observed: 0.12 ft. Predicted: 0.03 ft. Residual: 0.09 ft.
Historical Maximum Water Level: Dec 20 1968, 1.23 ft.
Next High Tide: 08/06/2014 12:24 (HST), 0.07 ft.

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI
Wind Speed / Gusts / Direction



Last Observed Sample: 08/06/2014 11:42 (HST)
Wind Speed: 14 knots Gusts: 18 knots Direction: 38° T

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI
Barometric Pressure

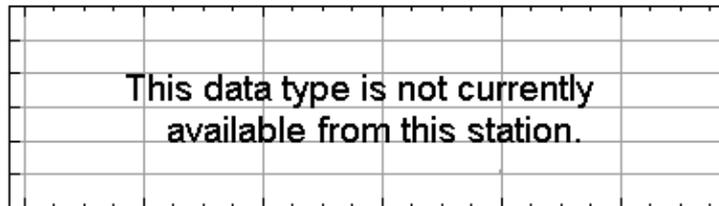


barometric pressure —

Last Observed Sample: 08/06/2014 11:42 (HST)

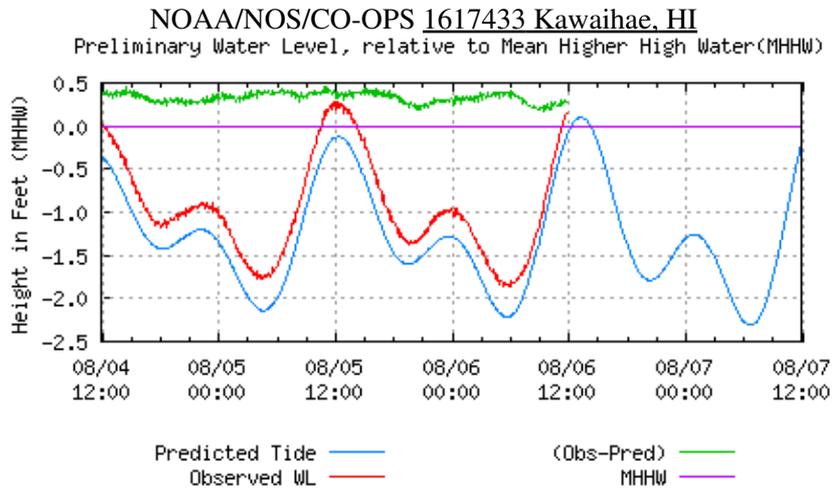
Barometric Pressure: 1016.6 mb

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI
NOAA/NOS/CO-OPS

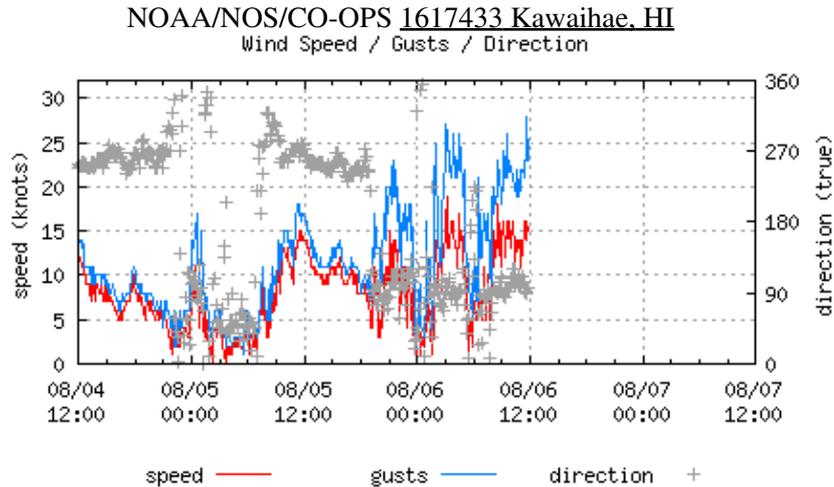


Last Observed Sample: 08/06/2014 11:42 (HST)

Water Temperature: 80.1° F Air Temperature: 79.2° F

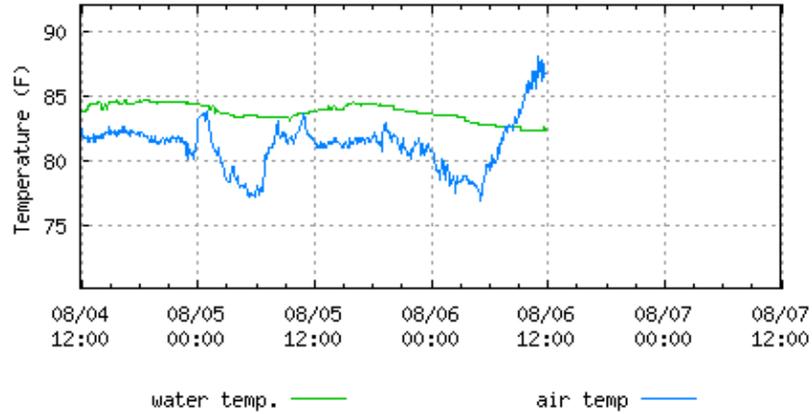


Last Observed Sample: 08/06/2014 11:42 (HST). Data relative to MHHW
Observed: 0.14 ft. Predicted: -0.13 ft. Residual: 0.27 ft.
Historical Maximum Water Level: Dec 13 2008, 1.22 ft.
Next High Tide: 08/06/2014 13:13 (HST), 0.10 ft.



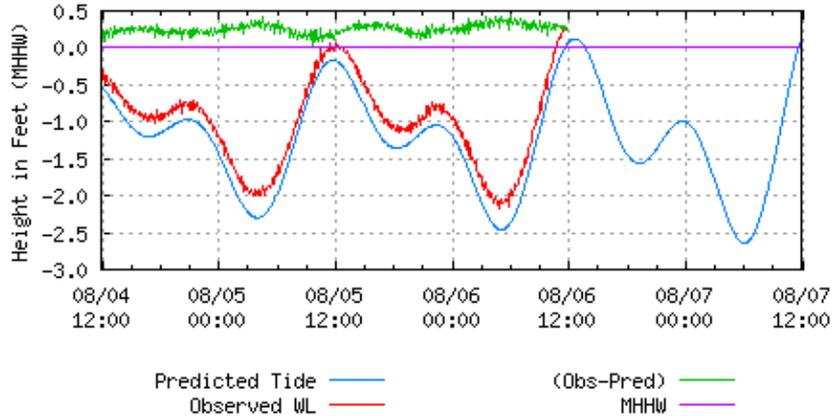
Last Observed Sample: 08/06/2014 11:42 (HST)
Wind Speed: 15 knots Gusts: 23 knots Direction: 96° T

NOAA/NOS/CO-OPS 1617433 Kawaihae, HI
Air / Water Temperature



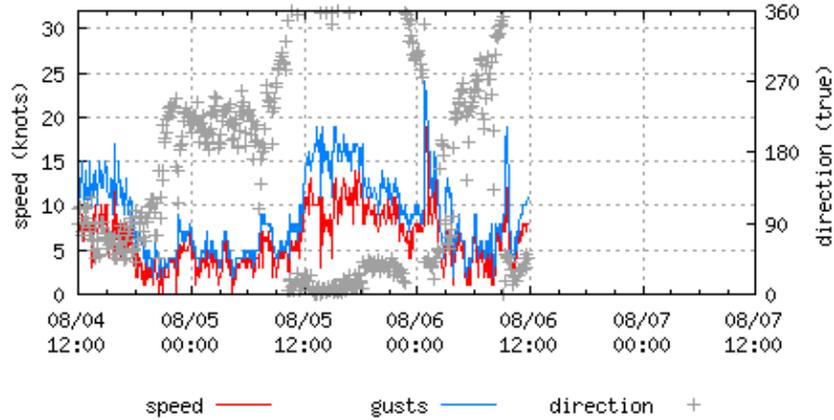
Last Observed Sample: 08/06/2014 11:42 (HST)
Water Temperature: 82.4° F Air Temperature: 86.7° F

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



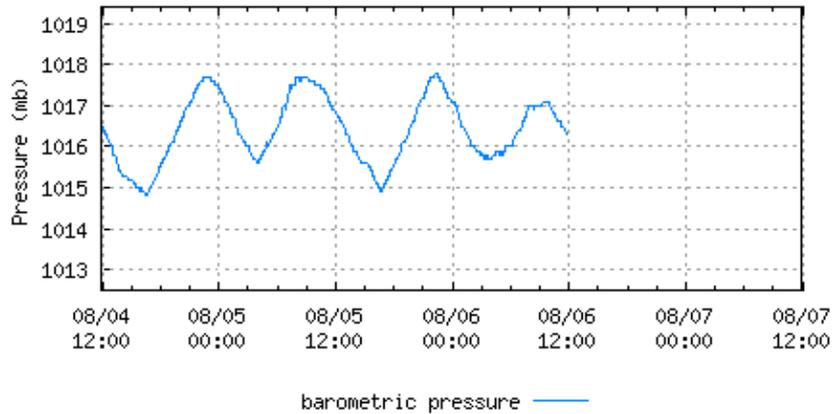
Last Observed Sample: 08/06/2014 11:42 (HST). Data relative to MHHW
Observed: 0.26 ft. Predicted: 0.03 ft. Residual: 0.23 ft.
Historical Maximum Water Level: Jan 20 1981, 1.37 ft.
Next High Tide: 08/06/2014 12:36 (HST), 0.12 ft.

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Wind Speed / Gusts / Direction



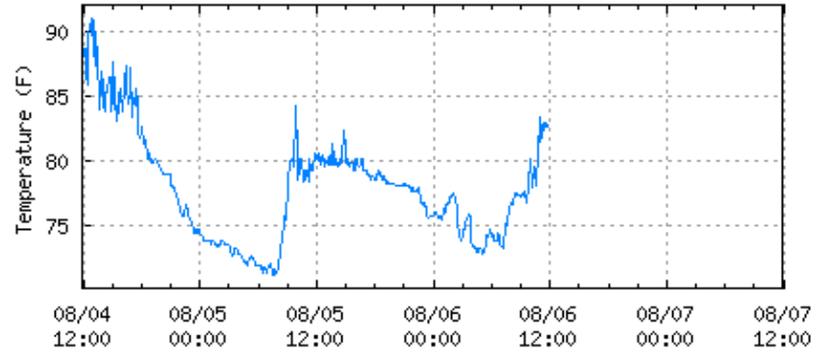
Last Observed Sample: 08/06/2014 11:42 (HST)
Wind Speed: 8 knots Gusts: 11 knots Direction: 45° T

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Barometric Pressure



Last Observed Sample: 08/06/2014 11:42 (HST)
Barometric Pressure: 1016.3 mb

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Air / Water Temperature



water temp. — air temp. —
Last Observed Sample: 08/06/2014 11:42 (HST)
Water Temperature: n/a Air Temperature: 82.6° F

Hurricane ISELLE QuickLook, POSTED 12:00 HST 08/06/2014

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1611400	Nawiliwili, HI	08/06/2014 11:42 (HST)	0.32 ft	0.01 ft	0.31 ft	0.32 ft
1612340	Honolulu, HI	08/06/2014 11:42 (HST)	0.09 ft	0.05 ft	0.04 ft	0.09 ft
1612480	Mokuoloe, HI	08/06/2014 11:42 (HST)	0.02 ft	0.00 ft	0.02 ft	0.02 ft
1615680	Kahului, Kahului Harbor, HI	08/06/2014 11:42 (HST)	0.12 ft	0.03 ft	0.09 ft	0.24 ft
1617433	Kawaihae, HI	08/06/2014 11:42 (HST)	0.14 ft	-0.13 ft	0.27 ft	0.28 ft
1617760	Hilo, Hilo Bay, Kuhio Bay, HI	08/06/2014 11:42 (HST)	0.26 ft	0.03 ft	0.23 ft	0.27 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce